WHAT IS CLAIMED IS:

1. A device for allocating a forward common channel in a CDMA (Code Division Multiple Access) communication system, comprising:

a plurality of channel transmitters;

a storage medium for storing, as orthogonal code numbers for the forward common channel used in a second CDMA communication system, orthogonal code numbers which cannot maintain an orthogonality due to an orthogonal code that the forward common channel uses at a maximum data rate, the orthogonal code being used in a first CDMA communication system; and

a controller for reading the orthogonal code numbers from the storage medium according to mobile station type information from a mobile station, and allocating a specific forward common channel such that forward common channel message is spread and transmitted by a corresponding one of the channel transmitters with a specific one of the read orthogonal code numbers.

2. The device as claimed in claim 1, wherein the storage medium stores orthogonal code numbers generated by sequentially adding multiples of an orthogonal code length used at the maximum data rate to the orthogonal code number used at the maximum data rate within a full length of the orthogonal code, and the orthogonal code ~~number used at the maximum data rate.~~

3. The device as claimed in claim 1, wherein the mobile station type information is information for identifying a mobile station for the first CDMA communication system and a mobile station for the second CDMA communication system.

4. The device as claimed in claim 1, wherein the mobile station type information includes unique number information of the mobile station.

5. The device as claimed in claim 3, wherein the controller, when it is determined from the mobile station type information that the mobile station is for the second CDMA communication system, reads from the storage medium the orthogonal codes for the forward common channel, stored for the second CDMA communication system, and allocates a specific one of the read orthogonal code numbers such that forward common channel message is spread and transmitted by a corresponding one of the channel transmitters with the allocated orthogonal code number.

6. The device as claimed in claim 5, wherein the first CDMA communication system is an IS-95 CDMA communication system.

7. The device as claimed in claim 6, wherein the second CDMA

communication system is a next generation CDMA communication system.

8. The device as claimed in claim 4, wherein the controller determines a hashed number using a hash function based on the unique number of the mobile station, and selects one of the read orthogonal code numbers to allocate the forward common channel corresponding to the determined hashed number.

9. A device for allocating a forward common channel in a CDMA communication system, comprising:

a plurality of channel receivers;

a storage medium for storing, as orthogonal code numbers for the forward common channel used in a second CDMA communication system, orthogonal code numbers which cannot maintain an orthogonality due to an orthogonal code that the forward common channel uses at a maximum data rate, the orthogonal code being used in a first CDMA communication system; and

a controller for reading the orthogonal code numbers from the storage medium according to a paging message received from a base station over a primary paging channel, and allocating a specific forward common channel such that forward common channel message is despread and transmitted by a corresponding one of the channel receivers with a specific one of the read orthogonal code numbers.

10. The device as claimed in claim 9, wherein the storage medium stores orthogonal code numbers generated by sequentially adding multiples of an orthogonal code length used at the maximum data rate to the orthogonal code number used at the maximum data rate within a full length of the orthogonal code, and the orthogonal code number used at the maximum data rate.

11. The device as claimed in claim 9, wherein the paging message from the base station includes a number of paging channels.

12. The device as claimed in claim 11, wherein the controller, when it is determined from the paging message that the base station is for the second CDMA communication system, reads from the storage medium the orthogonal codes for the forward common channel, stored for the second CDMA communication system, and allocates a specific one of the read orthogonal code numbers such that forward common channel message is despread by a corresponding one of the channel receivers with the allocated orthogonal code number.

13. The device as claimed in claim 12, wherein the first CDMA communication system is an IS-95 CDMA communication system.

14. The device as claimed in claim 13, wherein the second CDMA

communication system is a next generation CDMA communication system.

15. The device as claimed in claim 11, wherein the controller determines a hashed number using a hash function based on a number of paging channels and a unique number of the mobile station, included in the paging message, and selects one of the read orthogonal code numbers to allocate a forward common channel corresponding to the determined hashed number.

16. A method for allocating a forward common channel in a CDMA communication system including a plurality of channel transmitters, the method comprising the steps of:

storing, as orthogonal code numbers for the forward common channel used in a second CDMA communication system, orthogonal code numbers which cannot maintain an orthogonality due to an orthogonal code that the forward common channel uses at a maximum data rate, the orthogonal code being used in a first CDMA communication system; and

reading the orthogonal code numbers according to mobile station type information from a mobile station, and allocating a specific forward common channel such that forward common channel message is spread and transmitted by a corresponding one of the channel transmitters with a specific one of the read orthogonal code numbers.

17. The method as claimed in claim 16, wherein said stored orthogonal code numbers include orthogonal code numbers generated by sequentially adding multiples of an orthogonal code length used at the maximum data rate to the orthogonal code number used at the maximum data rate within a full length of the orthogonal code, and the orthogonal code number used at the maximum data rate.

18. The method as claimed in claim 16, wherein the mobile station type information is information for identifying a mobile station for the first CDMA communication system and a mobile station for the second CDMA communication system.

19. The method as claimed in claim 16, wherein the mobile station type information includes unique number information of the mobile station.

20. The method as claimed in claim 18, wherein when it is determined from the mobile station type information that the mobile station is for the second CDMA communication system, the orthogonal codes for the forward common channel, stored for the second CDMA communication system, are read and a specific one of the read orthogonal code numbers is allocated such that forward common channel message is spread and transmitted by a corresponding one of the channel transmitters with the allocated orthogonal code number.

21. The method as claimed in claim 20, wherein the first CDMA communication system is an IS-95 CDMA communication system.

22. The method as claimed in claim 21, wherein the second CDMA communication system is a next generation CDMA communication system.

23. The method as claimed in claim 19, further comprising the step of determining a hashed number using a hash function based on the unique number of the mobile station, and selecting one of the read orthogonal code numbers to allocate the forward common channel corresponding to the determined hashed number.

24. A method for allocating a forward common channel in a CDMA communication system including a plurality of channel receivers, the method comprising the steps of:

storing, as orthogonal code numbers for the forward common channel used in a second CDMA communication system, orthogonal code numbers which cannot maintain an orthogonality due to an orthogonal code that the forward common channel uses at a maximum data rate, the orthogonal code being used in a first CDMA communication system; and

reading the orthogonal code numbers according to a paging message received

from a base station over a primary paging channel, and allocating a specific forward common channel such that forward common channel information is despread and transmitted by a corresponding one of the channel receivers with a specific one of the read orthogonal code numbers.

25. The method as claimed in claim 24, wherein said stored orthogonal code numbers include orthogonal code numbers generated by sequentially adding multiples of an orthogonal code length used at the maximum data rate to the orthogonal code number used at the maximum data rate within a full length of the orthogonal code, and the orthogonal code number used at the maximum data rate.

26. The method as claimed in claim 24, wherein the paging message from the base station includes a number of paging channels.

27. The method as claimed in claim 26, wherein when it is determined from the paging message that the base station is for the second CDMA communication system, the orthogonal codes for the forward common channel, stored for the second CDMA communication system, are read and a specific one of the read orthogonal code numbers is allocated such that forward common channel message is despread by a corresponding one of the channel receivers with the allocated orthogonal code number.

28. The method as claimed in claim 27, wherein the first CDMA communication system is an IS-95 CDMA communication system.

29. The method as claimed in claim 28, wherein the second CDMA communication system is a next generation CDMA communication system.

30. The method as claimed in claim 26, further comprising the step of determining a hashed number using a hash function based on a number of paging channels and a unique number of the mobile station, included in the paging message, and selecting one of the read orthogonal code numbers to allocate a forward common channel corresponding to the determined hashed number.